

Fig. 1

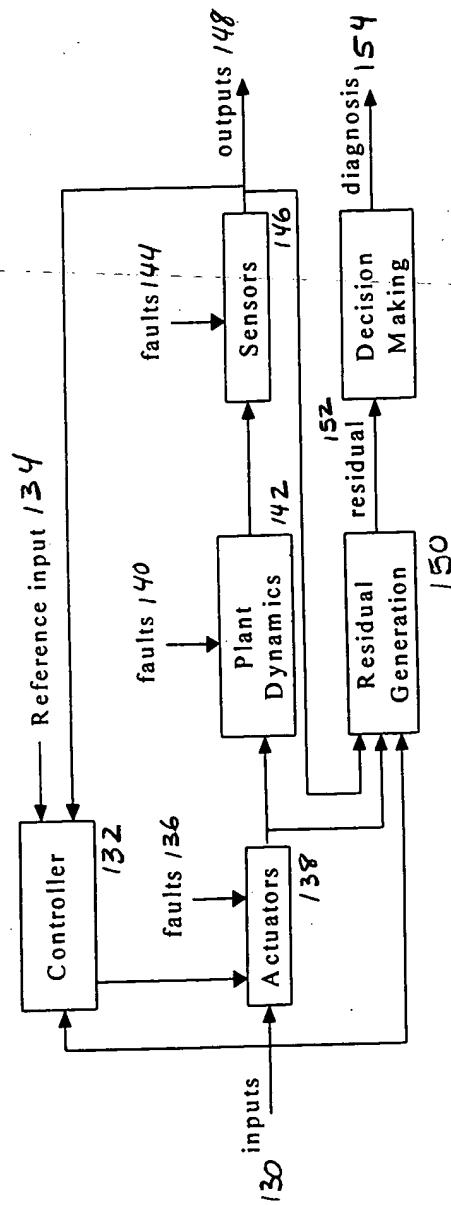


Fig. 2 (Prior Art)

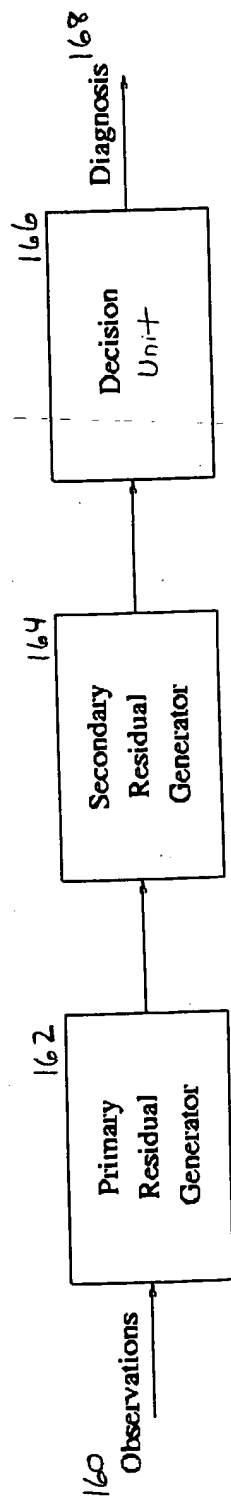


Fig. 3

# DIAGNOSIS

180

## Supervisor Unit

182

### FDI Unit

residual evaluation unit  
(Eg. brake/suspension/steering)

184

Fault  
Detector  
Unit 186

Fault  
Detector  
Unit 188

residual evaluation unit  
(Eg. Tire/vehicle dynamics)

190

Fault  
Detector  
Unit 192

Fault  
Detector  
Unit 194

residual evaluation unit  
(Eg. Powertrain/driver)

196

Fault  
Detector  
Unit 198

Fault  
Detector  
Unit 200

Fig. 4

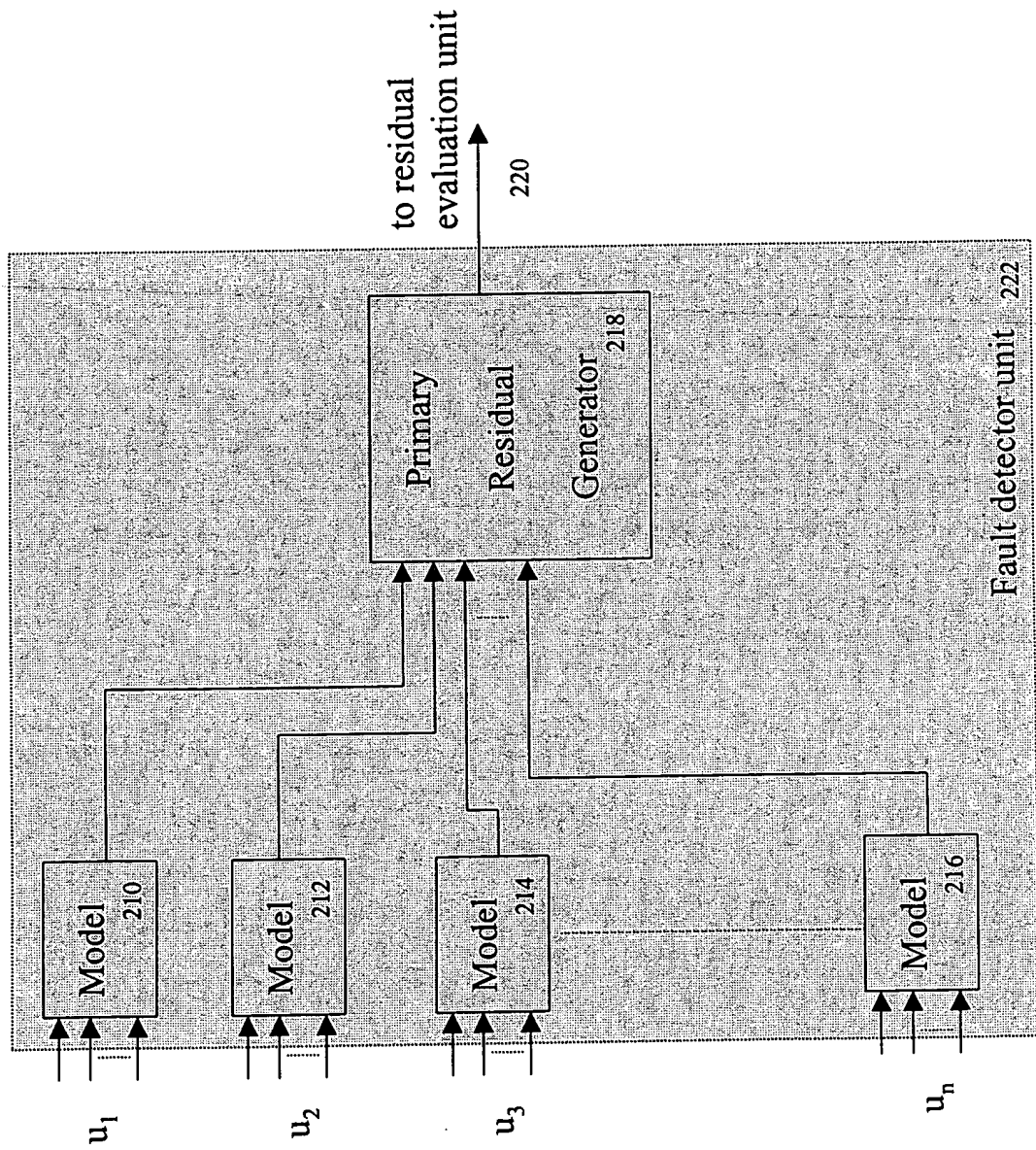


Fig. 5

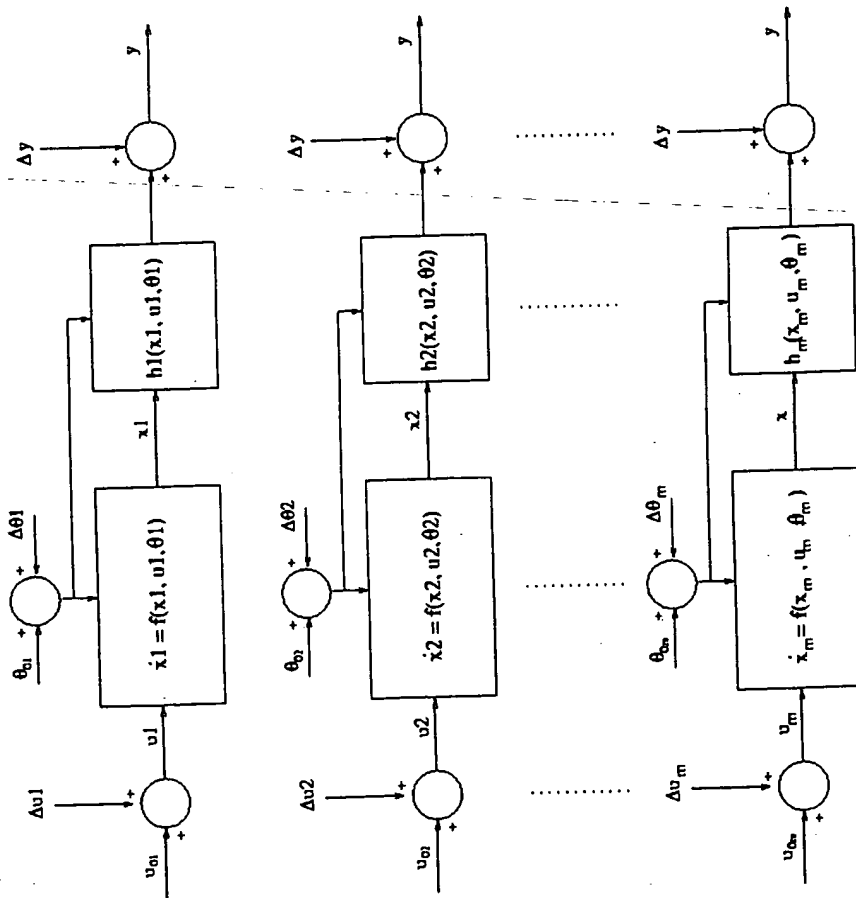


Fig. 6

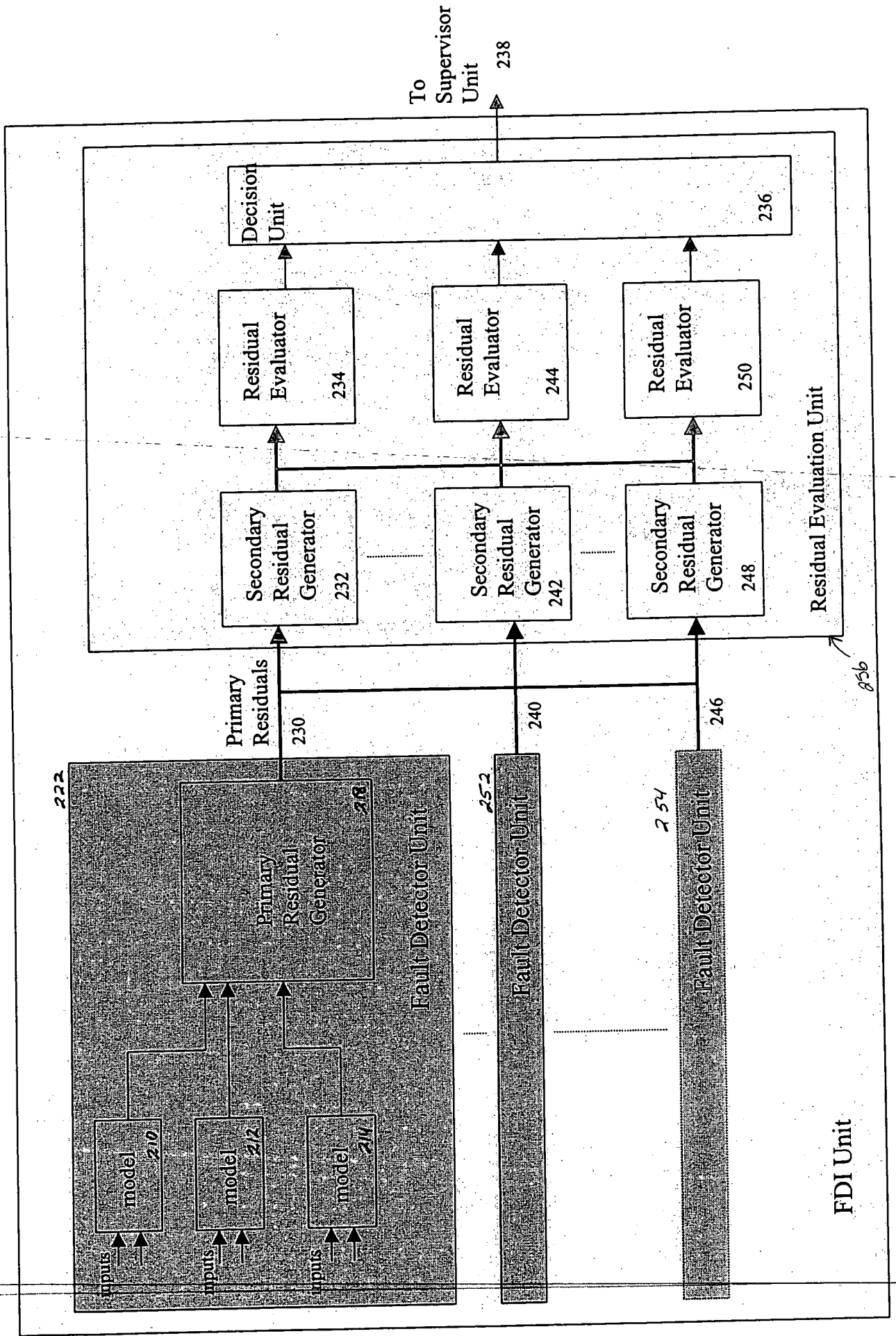


Fig. 7

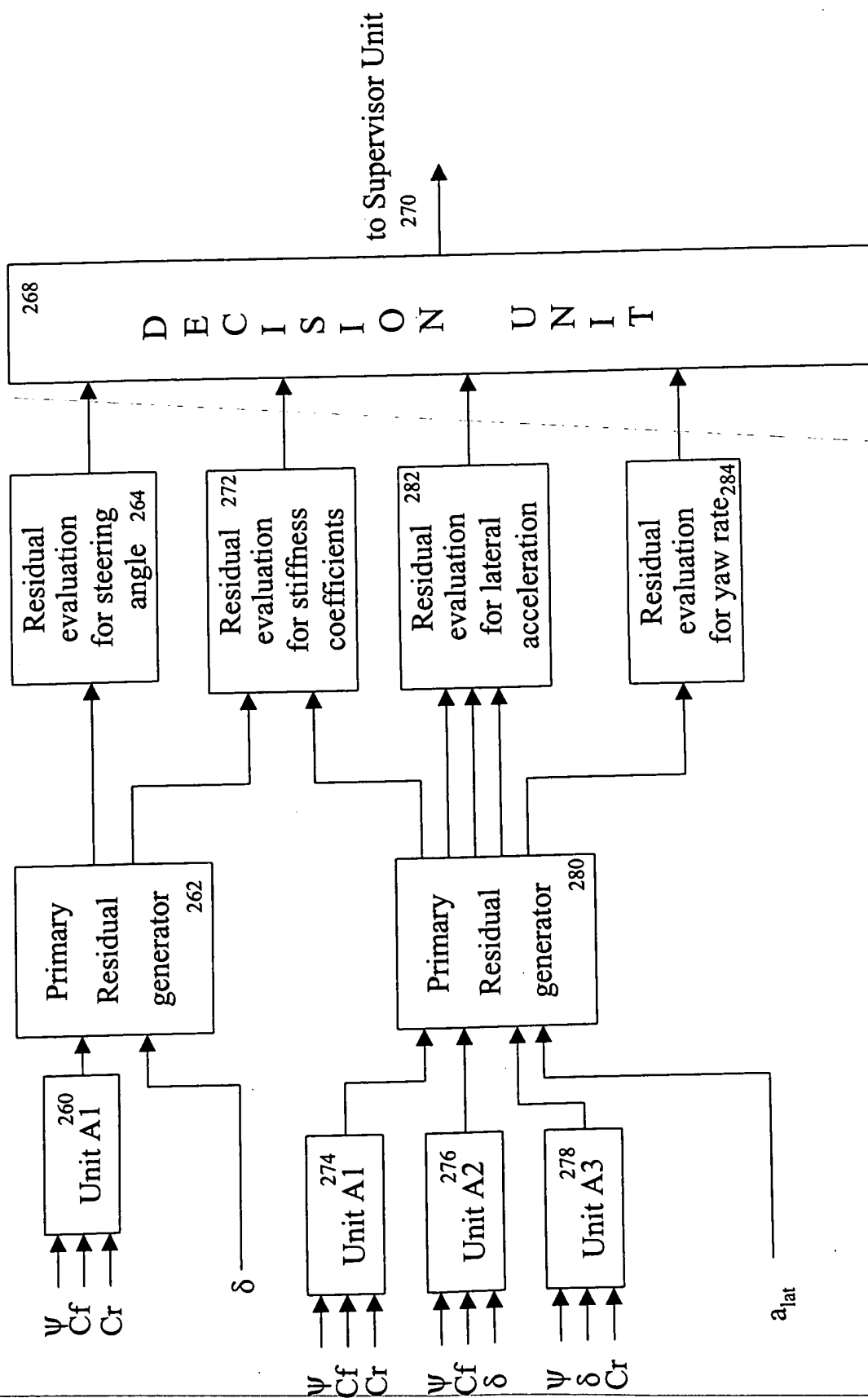


Fig. 8



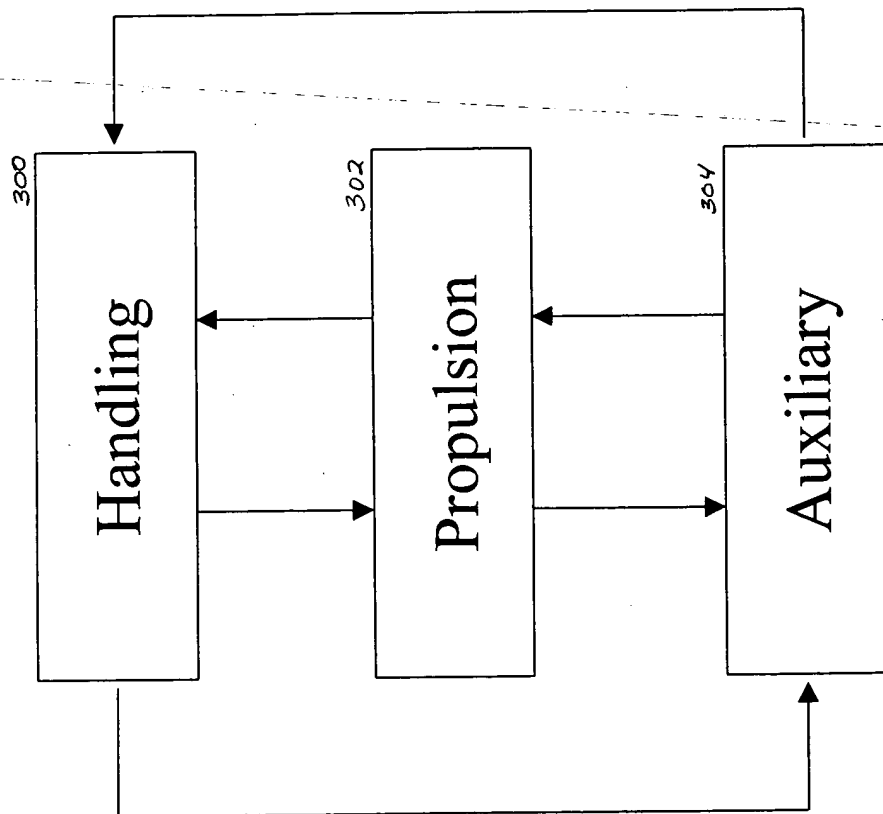


Fig. 9

# Handling System

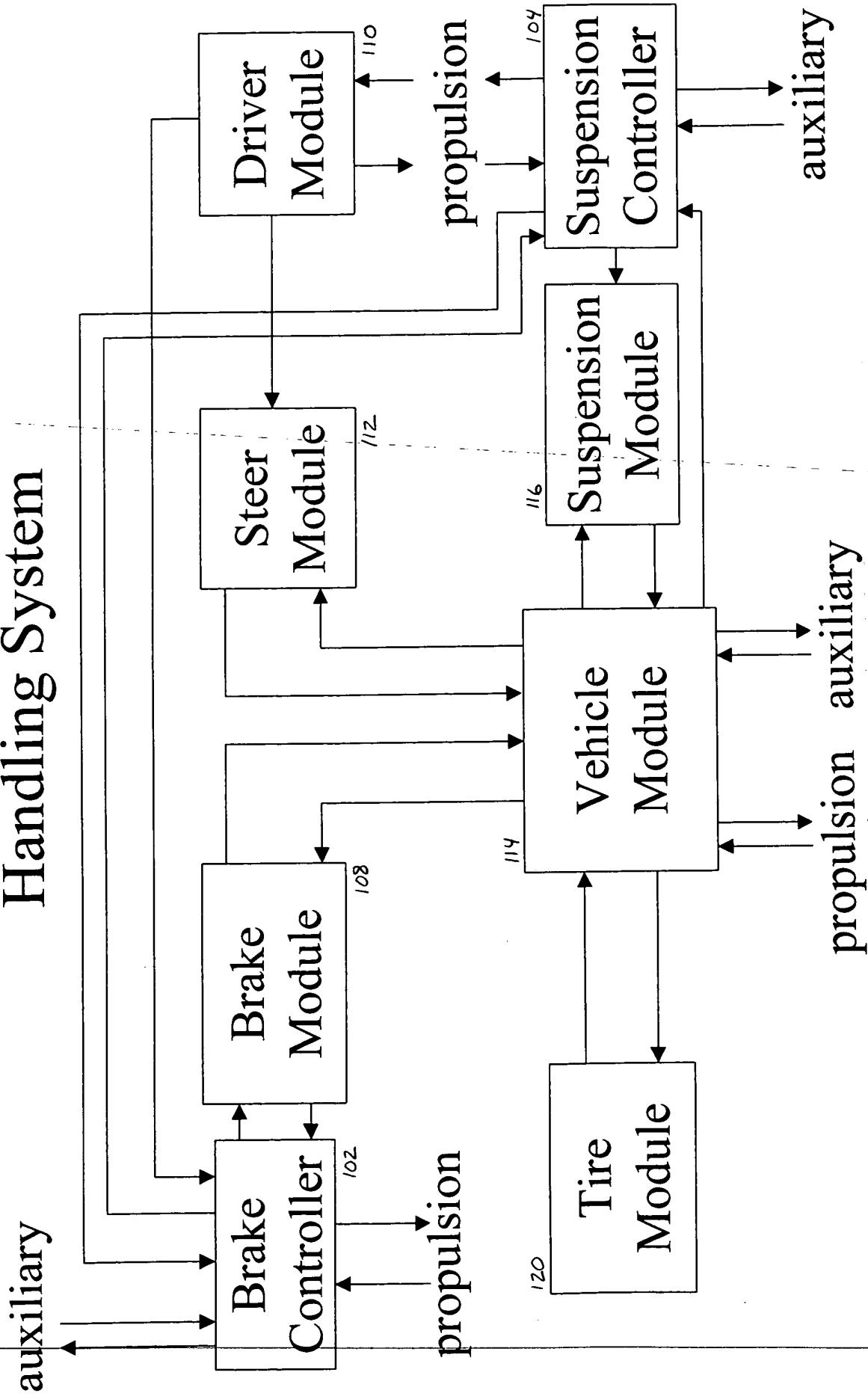


Fig. 10

# Propulsion System

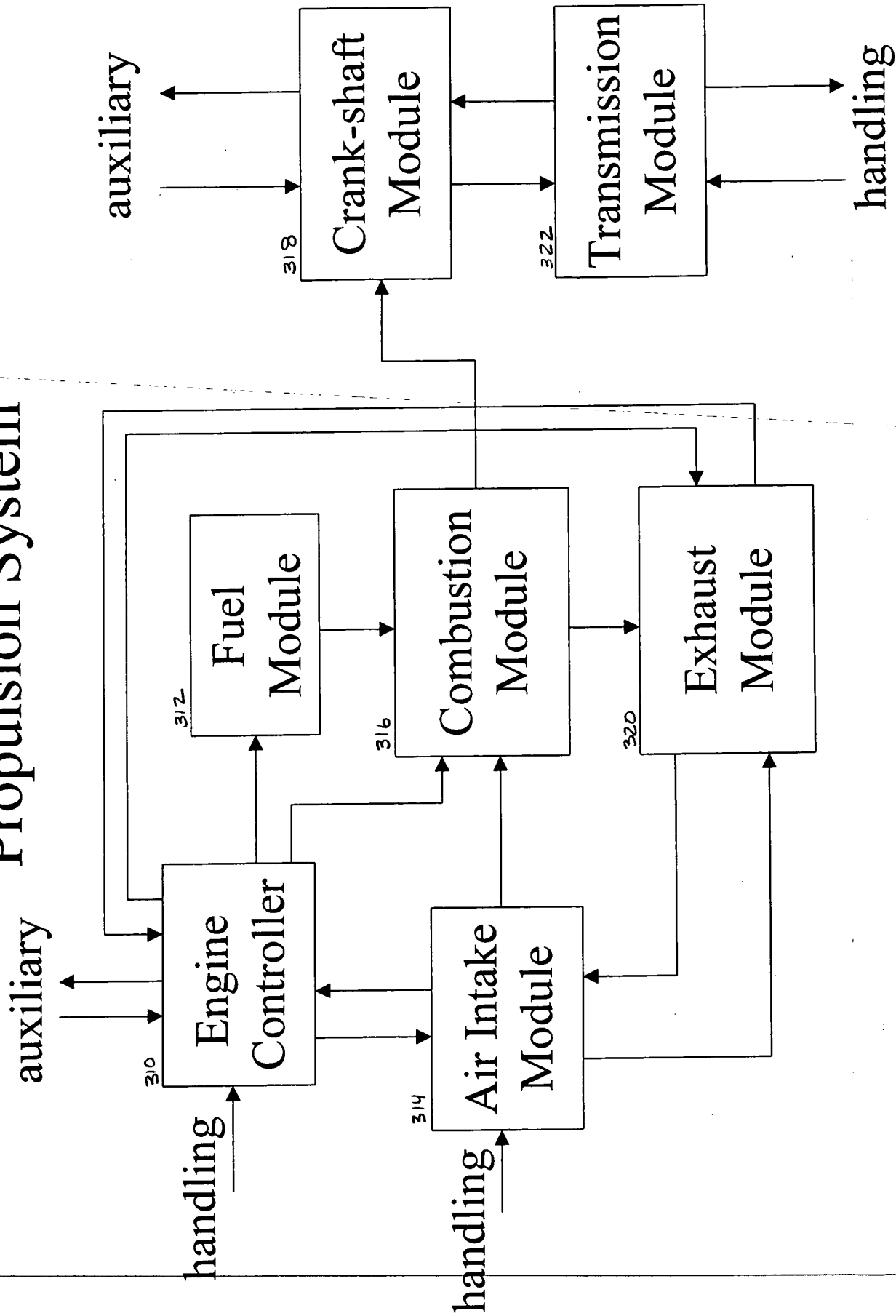


Fig. 11

# Hybrid Propulsion System

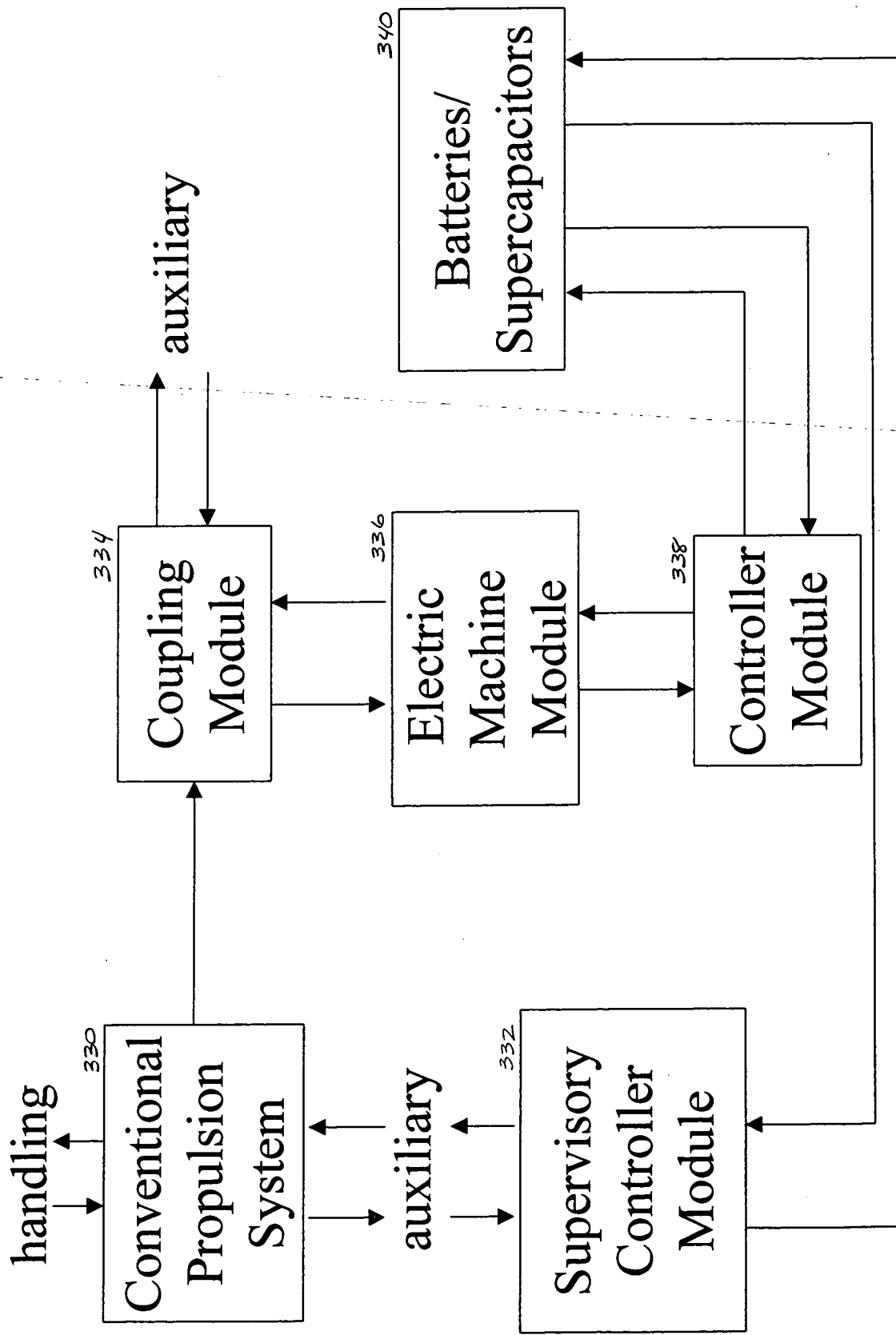


Fig. 12

# Hydraulic Machinery

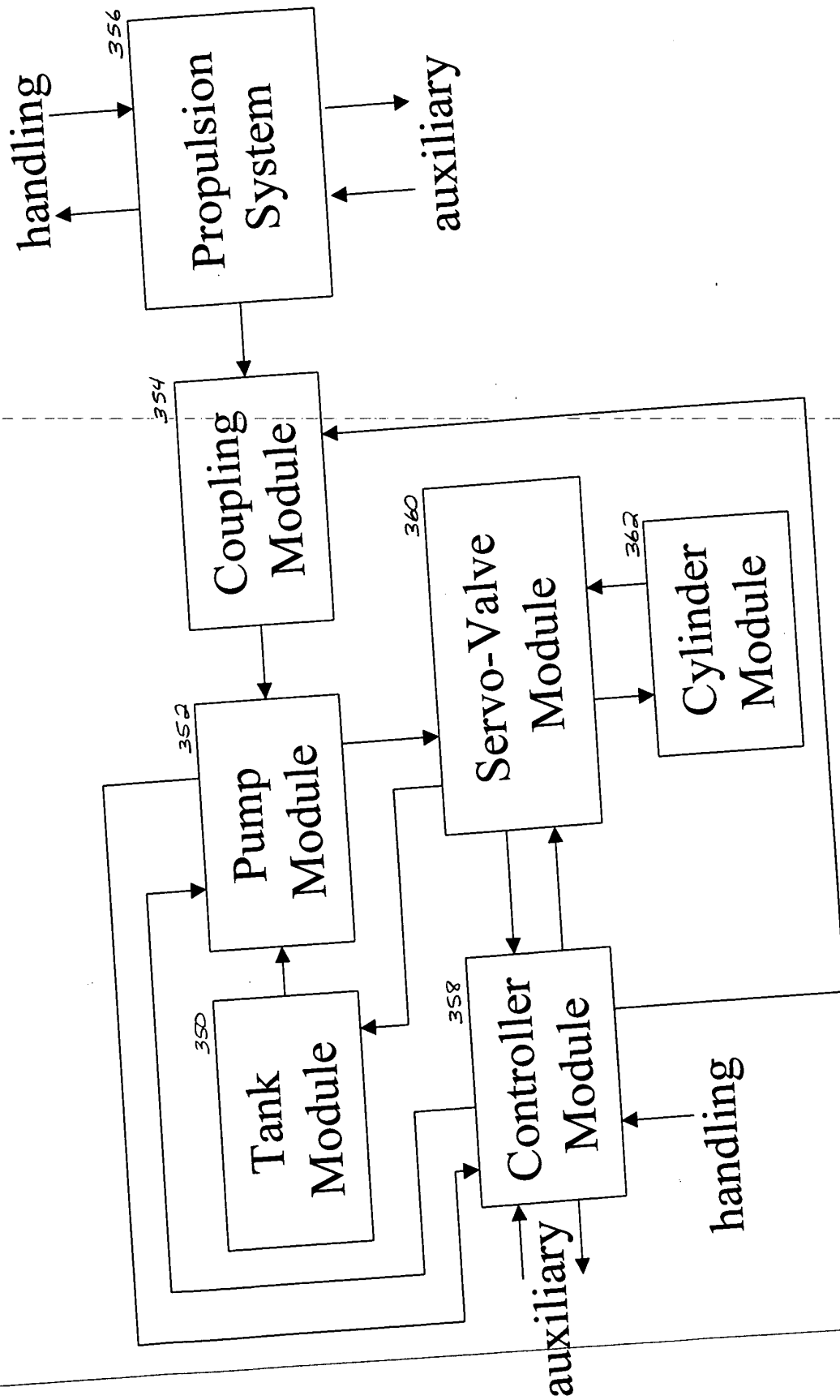


Fig. 13

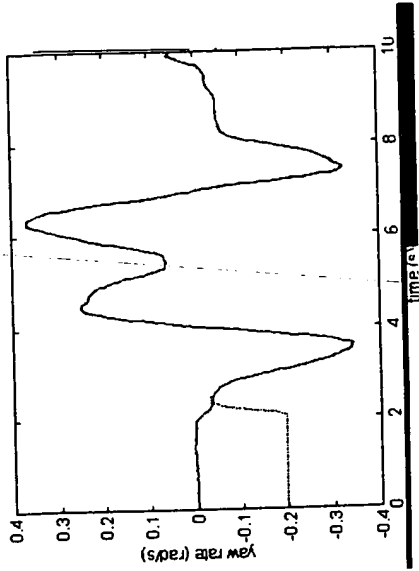


Fig. 16

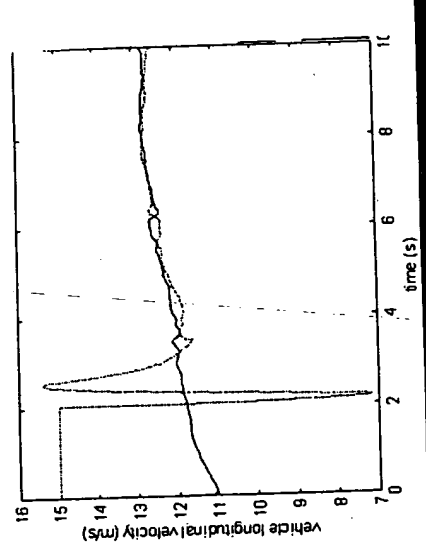


Fig. 17

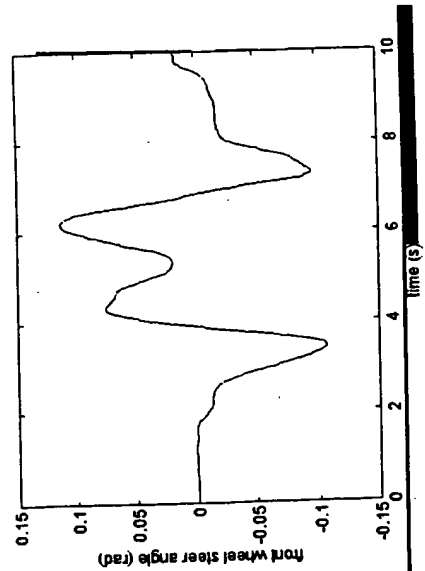


Fig. 14

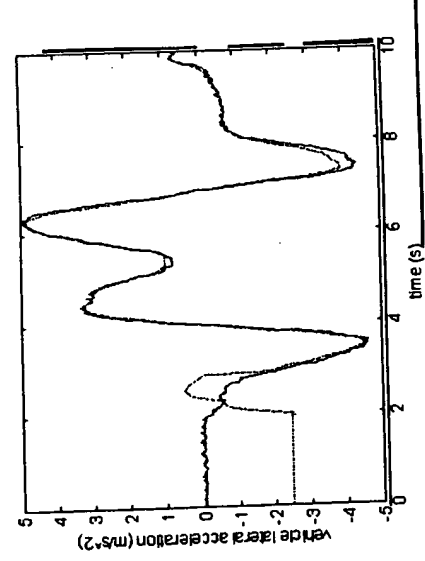


Fig. 15

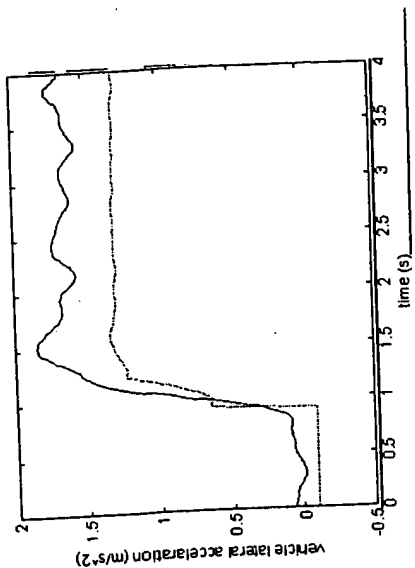


Fig. 22

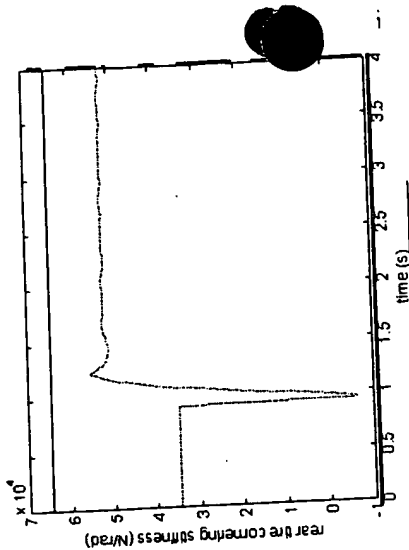


Fig. 23

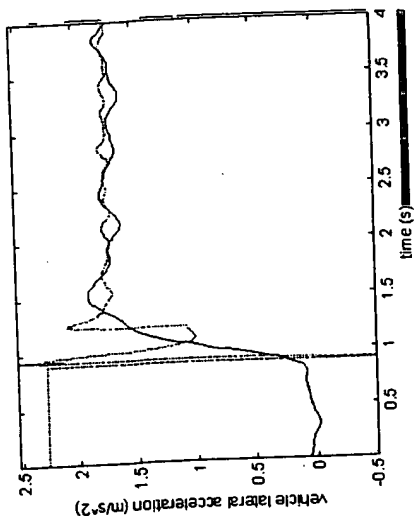


Fig. 20

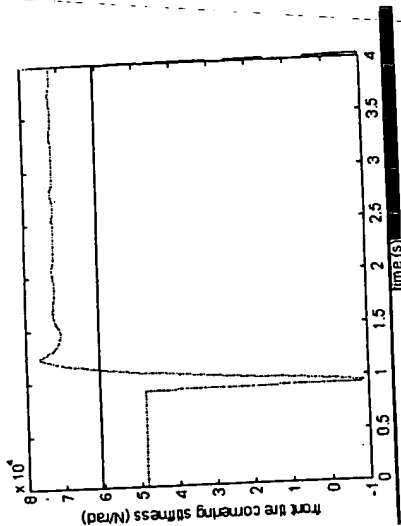


Fig. 21

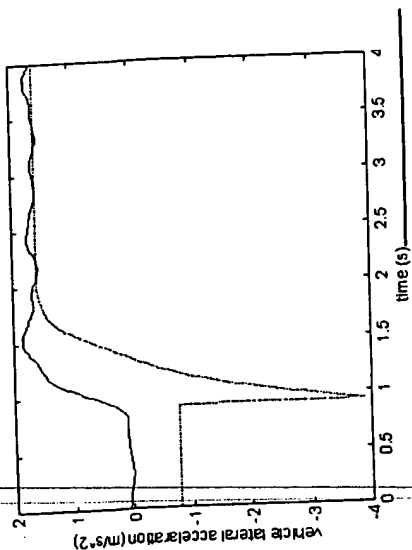


Fig. 18

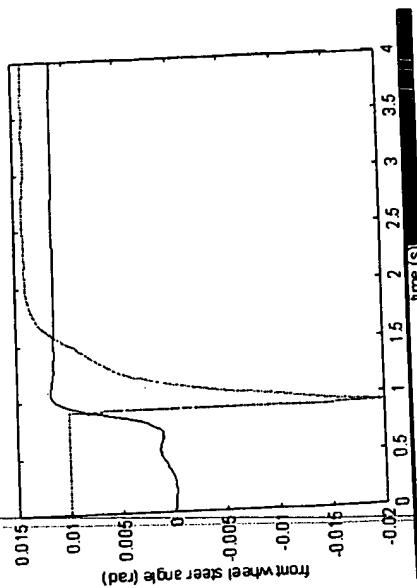


Fig. 19